

U.S. Serial No.: 10/678,879  
Filed: October 3, 2003

Examiner: Michael Marcheschi  
Art Unit: 1755

**Remarks**

Claims 1-3, 5-6, 10, 12, 14-16, 18-19, 21-22 have been cancelled.

Claims 4, 7, 8, 9, 11, 13, 17 and 20 have been amended.

New claims 23-33 have been added.

Claims 4, 7, 8, 9, 11, 13, 17, 20 and 23-33 are pending.

The applicant has amended the claims to more clearly describe and claim his invention. The pending claims are directed to chemical mechanical polishing particles, composition or methods wherein zero valent metal coated particles are used. In addition, methods for coating the particles with zero valent metal are claimed.

The applicant believes that none of the references cited teach or suggest;

- (i) chemical mechanical polishing abrasives which are coated with zero valent metal, particularly copper;
- (ii) binary composition for chemical mechanical polishing comprising zero valent metal coated particles and non-coated particles;
- (iii) introducing a metal bearing colloid into the chemical mechanical polishing composition during the polishing process wherein the metal bearing colloid coats and/or re-coats the abrasive particles with a zero valent metal coating during the polishing process; or
- (iv) the use of waste copper solutions to plate zero valent metal coatings onto the abrasive particles.

Thus it is believed that the pending claims are allowable over the cited art and the pending rejections should be withdrawn.

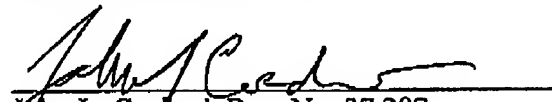
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**Conclusion**

It is believed that the current application is in a condition for immediate allowance. Such action is earnestly sought. If the Examiner perceives of any reason why this application should not be immediately allowed, he is requested to contact the undersigned at (203) 575-5646 for a telephonic interview prior to issuance of the next Office action.

Respectfully Submitted,

  
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